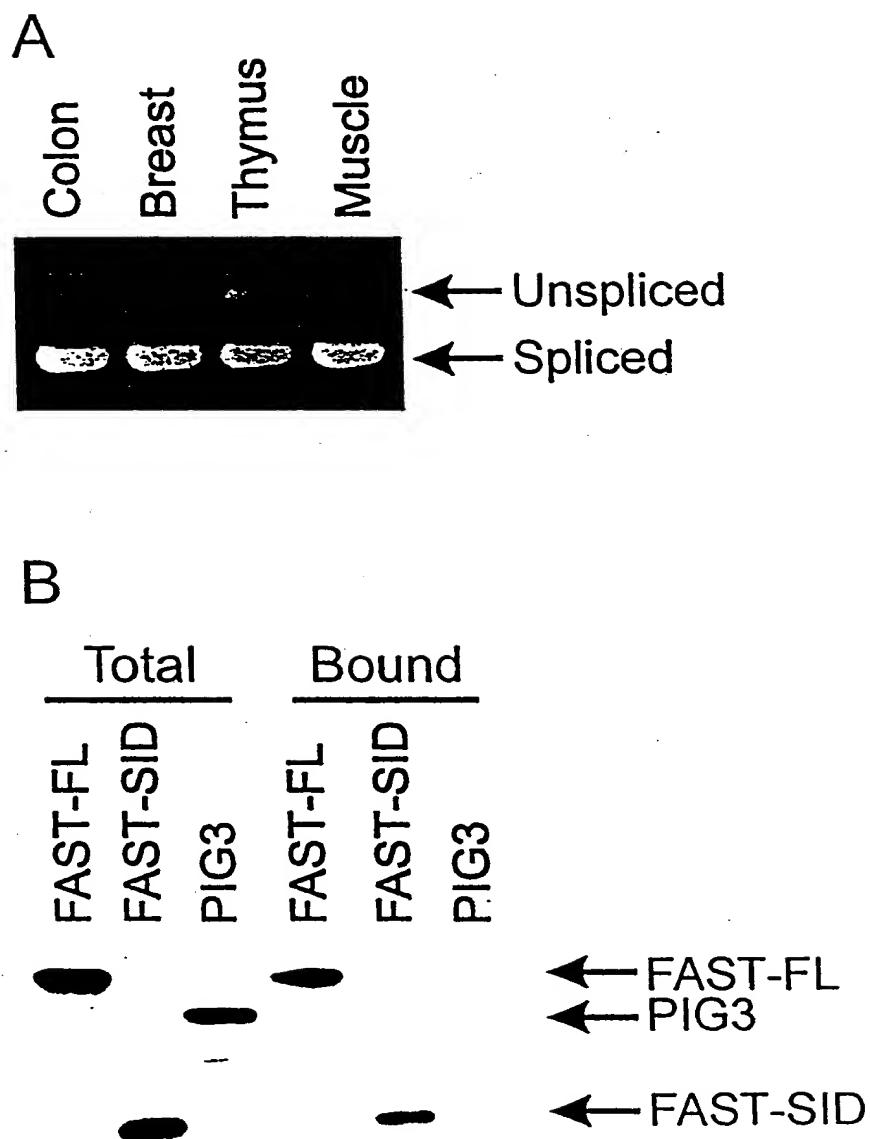


# FIG. 1

ST-1	mgpcsgsrlgppeaespsqpp-----	21
ST-1	mrdpsslysgfagsqyesveppslallssidqeqlpvatgqsynhsvqpw	51
ST-1	-----	21
ST-1	pqpwpplslyreggtwspdrgsmyglspgthegscththegpkdsmagdht	102
ST-1	-----	69
ST-1	rrrrryrlrhdppptylamiaafoaapsrrriaoiirqoqavfpe rsrskknyhryyppysylamiaawonspekrlasolkeistlefpe	153
ST-1	-----	120
ST-1	fredyegwidsrhnncnrcfrkypkdeakpoakgnewadwslepaal engdymgwidsrhnnesssdchkeiladegpoakgnewtdvsrhmpldem	204
ST-1	-----	171
ST-1	reonaasccrrwqngcargafakdpgpyrhgrpyrppspffffsegfiks klonaastr-----ggSDYEVODKAPYRHNYKmehnagayghqmpshar	250
ST-1	1ggsggegapwpglapqsspvpagtgnsggeeaptpppsserplwplcpl skslaedsqqntggklntsfmidsllhdlqeildodasrnlenqrispav	222
ST-1	301	
ST-1	pgptrvegetvqggaiagpstlspeprawplhllqgtavpggrssgghrasl amnnmwssaplythskptrnarsbglstihstysssssistispvgfok	273
ST-1	352	
ST-1	-----	276
ST-1	wgq----- eqeksgrqtqrvghpiksreddcsttssdpdtgnyspieppkkmpls1	403
ST-1	-----	325
ST-1	----- dptisytksvapnmaappsvlffffprftyynygspypmtppywgfphpt	454
ST-1	-----	362
ST-1	----- nsggdsprgpqsp1dpepnmlramppnksedvltshegdlevhpsflsqclg	505
ST-1	-----	365
ST-1	cs1----- ssgspypsrqg1m	518

FIG. 2



A

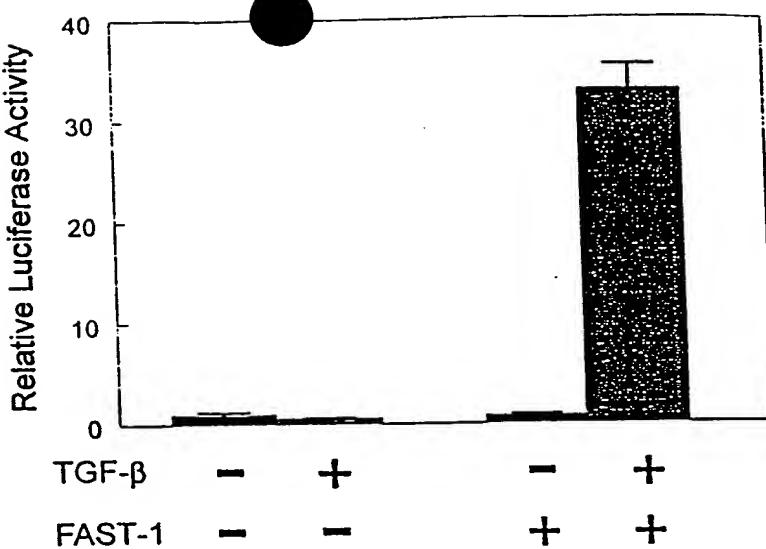
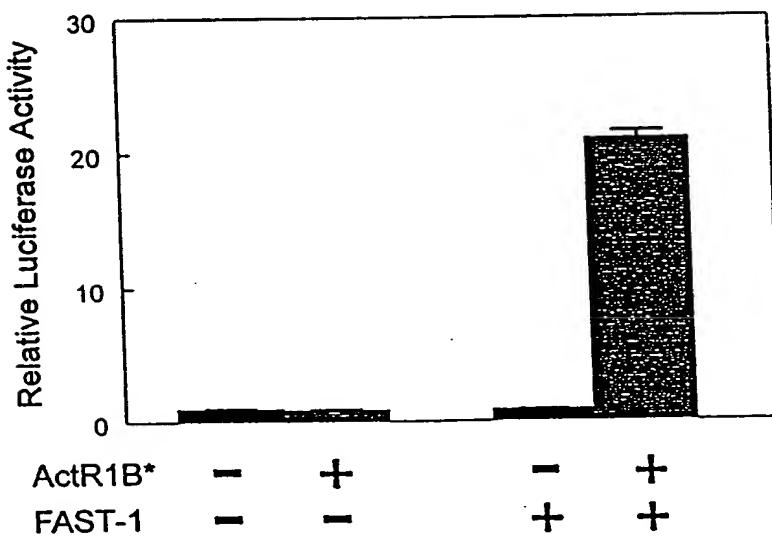


FIG. 3

B



C

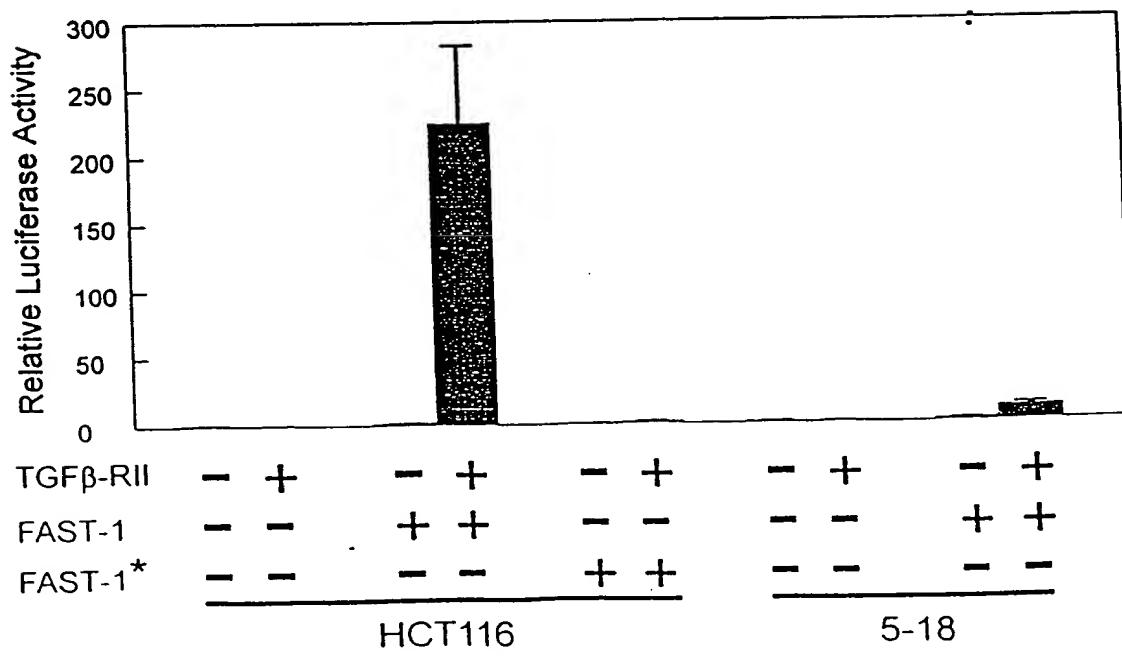
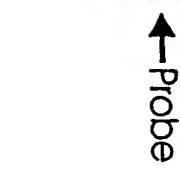
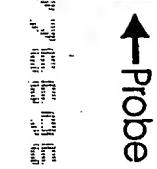


FIG. 4



ARE\*

202

CONSENSUS									
	T	G	T	GT	GT	A	T	T	T
G	41	41	11	0	100	0	54	47	0
A	23	35	17	0	0	0	5	0	100
T	23	23	64	100	0	100	35	52	0
C	11	0	5	0	0	0	0	0	11

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
C1  
C2  
C3

↑ Probe

↑ Shift